

Application for Industrial Wastes Discharge Permit

Date 11-15-73No. 044-11-78

A. Name of Organization SEMIMETALS INC.
 Address 405 NATIONAL AVE MT. VIEW, CALIF.
 Address of Point of Discharge SAME AS ABOVE
 Individual Responsible Name J. A. SIMMS - PIATT
 for industrial waste Signature J. A. Simms

Telephone 948-9359

Attach Map Showing Point of Discharge, Sampling Points, and Waste Treatment Facility.

B. Flow Rate: Average 81,000 gals/day Max. 83,000 gals/day Peak Hourly 58 GPM

C. Submit separate statement:

1. Detailing type of industry and nature of products SILICON WAFERS,
2. Listing chemicals used and approximate concentrations ACETIC, HF, NITRIC, METHYL ALCOHOL,
3. Describing waste treatment facilities
4. Giving characteristics of exceptional industrial wastes NONE
5. Concerning radioactive wastes NONE
6. Naming organic solvents discharged and concentration at point of discharge NONE

D. Indicate the point of discharge concentration of the following characteristics and mass emission rates where applicable.

Biochemical oxygen demand (B.O.D.)	_____ mg/l	Grease and oil, total	_____ mg/l
Chemical oxygen demand (C.O.D.)	_____ mg/l	Hydrogen ion content pH	_____
Total Solids, Average	_____ mg/l	Fluoride	_____ mg/l
Suspended Solids, Average	_____ mg/l	Chlorine demand	_____ mg/l
Temperature	_____ °F		

	Max. Conc. Allowable mg/l	Allowable Mass Emission Rate kg/day		Max. Conc. Allowable mg/l	Allowable Mass Emission Rate kg/day
Arsenic	<u>None discharged</u>		Formaldehyde	<u>None Discharged</u>	
Barium	<u>"</u>		Lead	<u>"</u>	
Beryllium	<u>"</u>		Manganese	<u>"</u>	
Boron	<u>"</u>		Mercury	<u>"</u>	
Chlorine	<u>"</u>		Nickel	<u>"</u>	
Cadmium	<u>"</u>		Chloroform	<u>"</u>	
Chromium Hexavalent	<u>"</u>		Phenols	<u>"</u>	
Chromium Total	<u>"</u>		Selenium	<u>"</u>	
Cobalt	<u>"</u>		Silver	<u>"</u>	
Copper	<u>"</u>		Zinc	<u>"</u>	
Cresols	<u>"</u>				
Cyanides	<u>"</u>				

NOT TO BE COMPLETED BY APPLICANT

Permit to Discharge Industrial Wastes in Accordance with This Application Approved Subject to Attached General and Specific Conditions

Allen Shelley, Director of Public Works

Signature Allen ShelleyDate April 13, 1976

Permit to Discharge Exceptional Industrial Waste Approved

List Details:

Allen Shelley, Director of Public Works

Signature _____

Date _____

DISTRIBUTION: Original to Industrial Waste File, Copy to Discharger, Copy to Water Quality Control Plant, Copy to Palo Alto, Copy to Sewer Division.